

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A business application generation system for automatically generating a business software application, comprising:

a central processing unit;

a repository ~~containing~~ comprising a set of meta data, said set of meta data comprising structured information on a business process, said structured information comprising information on functions operating on business process data;

a generation tool comprising a first tool and a second tool, said first tool being a meta data dependent passer element and said second tool being a meta data independent generating element, said generation tool generating, based on at least said set of meta data in said repository, a customized business process application for said business process; and

input/output means for treating said set of meta data in said repository and for invoking said generation tool, said input/output means being a workbench enabling ~~editing~~ customization of said set of meta data to generate customized meta data in said repository, wherein:

said workbench enables an invocation of said generation tool by initiating an import of said ~~set of~~ customized meta data into said passer element,

said passer element ~~handles, interprets, and processes~~ said ~~set of~~ customized meta data for input to said generating element, ~~said handling, interpreting, and processing comprising:~~

interpreting a semantical content of said
customized meta data; and

translating said semantical content of said
customized meta data into customized
business process data for input into said
generating element; and

said generating element generates, on the basis of said ~~set~~
of processed meta data ~~input~~, program code for said
customized business process application;

~~said set of meta data containing structured business process~~
~~application information comprising information on~~
~~functions operating on business data; and~~

~~said generation tool retrieving data from said repository and,~~
~~on the basis of said retrieved repository data,~~
~~generating a customized business process~~
~~application.~~

2. (Cancelled).

3. (Currently Amended) The system ~~according to~~ of claim 1, wherein said set of meta data in said repository consists of data base tables containing meta data entities.

4. (Currently Amended) The system-~~according to~~ of claim 3, wherein said meta data entities contain information on ~~the~~ an identification of ~~an application to be generated~~ said customized business process application, on object types and on object structures.
5. (Currently Amended) The system-~~according to~~ of claim 4, wherein said object types contain information on ~~the~~ said business process data to be processed by ~~the said customized business process application to be generated~~ and on said functions operating on said business process data.
6. (Currently Amended) The system-~~according to~~ of claim 1, wherein said business process is a billing process.
7. (Currently Amended) The system-~~according to~~ of claim 1, wherein said business process is a bonus payment process.
8. (Currently Amended) The system-~~according to~~ of claim 1, wherein said business process is a commission payment process.
9. (Currently Amended) The system-~~according to~~ of claim 1, wherein said customization enabled at said workbench enables comprises at least one of viewing, creating, adding, deleting, changing, and inheriting said repository meta data.
- 10.-11. (Cancelled).

12. (Currently Amended) The system ~~according to~~ of claim 1, wherein said generating element further generates data objects for said customized business process application.
13. (Currently Amended) The system ~~according to~~ of claim 1, wherein said generating element further generates a data base for said customized business process application.
14. (Currently Amended) A computer-based method for generating a business software application, comprising the steps, performed by a computer, of:
 - providing a set of meta data ~~containing~~ comprising structured information on the a business process data ~~to be processed by the application to be generated and, said structured information comprising~~ information on functions operating on ~~said~~ business process data;
 - customizing said set of meta data via an input/output means before said meta data is imported into a generation tool, said generation tool comprising a meta data dependent passer element and a meta data independent generating element for generating a customized business software application;
 - importing said ~~set of~~ customized meta data comprising information on functions into said passer element of said generation tool;
 - ~~handling, interpreting, and processing said set of~~ customized meta data imported into said generation tool in said meta data dependent passer element, wherein said processing comprises:
 - interpreting a semantical content of said customized meta data; and

translating said semantical content of said customized meta
data into customized business process data for input
into said generating element; and

~~inputting said set of processed meta data after processing in said passer
element into said generating element.~~

15.-16. (Cancelled).

17. (Currently Amended) A method ~~according to~~ of claim ~~[[16]]~~ 14, further comprising generating program code for said customized business process application on the basis of said processed meta ~~data input.~~

18. (Currently Amended) A computer program product comprising a computer readable storage medium, the computer readable storage medium ~~comprising storing instructions that, when executed by a processor, perform a method for~~ carrying out a method for generating a business software application, the method comprising steps, performed by the processor, of:

customizing a set of meta data comprising information on functions via an input/output means before said meta data is imported into a generation tool, said generation tool comprising a meta data dependent passer element and a meta data independent generating element;

~~importing said set of~~ customized meta data into said passer element of said generation tool; and

on the basis of said set of meta data, processing said customized meta data in said passer element, inputting said processed meta data in

said generating element, and generating a customized business software application based on said processed metadata, wherein said processing comprises:

interpreting a semantical content of said customized meta data; and

translating said semantical content of said customized meta data into customized business process data for input into said generating element.

19. (Cancelled).

20. (Currently Amended) A business application generation system for automatically adapting a business software application, comprising:

a central processing unit;

a repository ~~containing~~ comprising a set of meta data, said set of meta data comprising structured information on an existing business process and on functions operating on data of said existing business process;

a generation tool comprising a first tool and a second tool, said first tool being a meta data dependent passer element and said second tool being a meta data independent generating element, said generation tool generating, based on at least said set of meta data in said repository, a customized adapted version of an existing business process application; and

input/output means for treating said set of meta data in said repository and for invoking said generation tool, said input/output means being a

workbench enabling ~~editing~~ customization of said set of meta data
to generate customized meta data in said repository, wherein:

said workbench enables an invocation of said generation
tool by initiating an import of said ~~set of~~ customized
meta data into said passer element[.];

said passer element ~~handles, interprets, and processes~~ said
set of customized meta data for input to said
generating element, said ~~handling, interpreting, and~~
processing comprising:

interpreting a semantical content of said
customized meta data; and

translating said semantical content of said
customized meta data into customized
business process data for input into said
generating element; and

said generating element generates, on the basis of said set
of processed meta data ~~input~~, program code for said
customized adapted version of said existing business
process application, ~~and~~

~~said set of meta data containing structured business process~~
~~application information comprising information on~~
~~functions operating on business data; and~~

~~said generation tool retrieving data from said repository and,~~
~~on the basis of said retrieved repository data,~~
~~generating a customized adapted version of an~~
~~existing business process application.~~

21. (Cancelled).
22. (Currently Amended) The system-~~according to~~ of claim 20, wherein said set of meta data in said repository consists of data base tables containing meta data entities.
23. (Currently Amended) The system-~~according to~~ of claim 22, wherein said meta data entities contain information on ~~the~~ an identification of ~~an~~ said customized adapted version of said existing business application to be generated, on object types, and on object structures.
24. (Currently Amended) The system-~~according to~~ of claim 23, wherein said object types contain information on ~~the~~ said business process data ~~to be processed by the application to be generated~~ and on functions operating on said business process data.
25. (Currently Amended) The system-~~according to~~ of claim 20, wherein said existing business process is a billing process.
26. (Currently Amended) The system-~~according to~~ of claim 20, wherein said existing business process is a bonus payment process.
27. (Currently Amended) The system-~~according to~~ of claim 20, wherein said existing business process is a commission payment process.

28. (Currently Amended) The system-~~according to~~ of claim 20, wherein said customization enabled at said workbench-enables comprises at least one of viewing, creating, adding, deleting, changing, and inheriting said repository meta data.
29. (Cancelled).
30. (Currently Amended) The system-~~according to~~ of claim 20, wherein said generating element generates, on the basis of said processed meta data-input, program code for said customized adapted version of said existing business process application.
31. (Currently Amended) The system-~~according to~~ of claim 30, wherein said generating element further generates data objects for said customized adapted version of said existing business process application.
32. (Currently Amended) The system-~~according to~~ of claim 30, wherein said generating element further generates a data base for said customized adapted version of said existing business process application.
33. (Currently Amended) A computer-based method for generating an adapted business software application, comprising the steps, executed by a computer, of:
providing a set of meta data-~~containing~~ comprising structured information
on the a business process data ~~to be processed by the adapted~~
~~application to be generated and,~~ said structured information

comprising information on functions operating on ~~said~~ business process data;

customizing said set of meta data via an input/output means before said meta data is imported into a generation tool, said generation tool comprising a meta data dependent passer element and a meta data independent generating element for generating a customized adapted business software application;

importing ~~said set of~~ customized meta data comprising information on functions into said passer element of said generation tool;

~~handling, interpreting, and processing said set of~~ customized meta data imported into said generation tool in said passer element, wherein said processing comprises:

interpreting a semantical content of said customized meta data; and

translating said semantical content of said customized meta data into customized business process data for input into said generating element; and

inputting ~~said set of~~ processed meta data ~~after processing in said passer element~~ into said generating element.

34-35. (Cancelled).

36. (Currently Amended) A method ~~according to~~ of claim 33, further comprising ~~the step of~~ generating program code for said customized adapted business process application on the basis of said processed meta data ~~input~~.

37. (Currently Amended) A computer program product comprising a computer readable storage medium, the computer readable storage medium ~~comprising storing instructions that, when executed by a processor, perform for carrying out~~ a method for generating an adapted business software application, the method comprising the steps, performed by a processor, of:

customizing a set of meta data via an input/output means before said meta data is imported into a generation tool, said generation tool comprising a meta data dependent passer element and a meta data independent generating element;

importing ~~said set of~~ customized meta data into said meta data dependent passer element of said generation tool; and

on the basis of said set of meta data, processing said customized meta data in said passer element, inputting said processed meta data in said generating element, and generating a customized adapted business software application based on said processed meta data, wherein said processing comprises:

interpreting a semantical content of said customized meta data; and

translating said semantical content of said customized meta data into customized business process data for input into said generating element.

38. (Cancelled).